

WHAT IS CLAIMED IS:

1. A communication system, comprising:
storing means for storing information
pertaining to a connection device which a
5 communication device should connect to;
determining means for determining a connection
device which is connected to a first connection
device and which the communication device should
connect to, based on information stored in the
10 storing means; and
notifying means for notifying to the
communication device information for connecting to
the connection device determined by the determining
means.
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2. A communication system according to claim 1,
further comprising an administrative device having
the storing means,
wherein the administrative device performs the
20 determination performed by the determining means.
3. A communication system according to claim 1,
wherein the determining means performs the
determination when the communication device performs
25 an authentication process with the administrative
device via the first connection device.

4. A communication system according to claim 1,
wherein the notifying means notifying the information
includes one of frequency information for connecting
to the connection device, identification information
5 for identifying the connection device, and
enciphering information.

5. A communication system according to claim 1,
wherein the determining means performs the
10 determination based on user information pertaining to
the user of the communication device.

6. A communication system according to claim 1,
wherein the storing means stores the connection
15 device that the communication device should connect
to according to units of time.

7. A communication system according to claim 1,
wherein the notifying means notifies the information
20 pertaining to multiple connecting devices in a case
where the determining means determines that there are
multiple connection devices which the communication
device should connect to.

25 8. A communication system according to claim 7,
wherein the communication device performs a display
to select one of the multiple connection devices

notified.

9. A communication system according to claim 1,
wherein the storing means stores the information
5 pertaining to the connection device that the
communication device should connect to separately by
the area where the communication device is arranged.

10. A communication system according to claim 9,
10 further comprising instructing means for giving
instructions so that multiple communication devices
connect to multiple connection devices in an evenly
distributed fashion in a case where the determining
means determines that in the same area there are
15 multiple connection devices which the communication
device should connect to.

11. A communication system according to claim 1,
wherein:
20 each of the multiple connection devices has
the storing means; and
each connection device stores information
pertaining to a communication device to which that
connection device permits a connection.

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12. A communication system according to claim
11, wherein the determining means performs the

determination by means of the first connection device
inquiring to another connection device about
permission for the communication device to make a
connection.

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13. A communication system according to claim
12, wherein the first connection device further
comprises registering means for registering the
connection device performing the inquiry.

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14. A communication system according to claim
13, wherein the determining means performs the
inquiry to a connection device other than the
connection device registered in the registering means
15 in a case where the determining means could not
determine the connection device which the
communication device should connect to after an
inquiry made based on the registration in the
registering means.

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15. A communication system according to claim
13, wherein the connection device that received the
inquiry from the first connection device updates
contents registered in the registering means.

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16. A communication system according to claim
12, wherein the first connection device performs the

inquiry performed by the determining means in a case where the first connection device does not permit the communication device to connect.

5 17. An information processing device,
comprising:

storing means for storing information
pertaining to a connection device which a
communication device should connect to;

10 determining means for determining a connection
device which is connected to a first connection
device and which the communication device should
connect to, based on information stored in the
storing means; and

15 notifying means for notifying to the
communication device information for connecting to
the connection device determined by the determining
means.

20 18. An information processing device according
to claim 17, wherein the determining means performs
the determination when the communication device
performs an authentication process with the
information processing device via the first
25 connection device.

19. An information processing device according

to claim 17, wherein the notifying means notifying
the information includes one of frequency information
for connecting to the connection device,
identification information for identifying the
5 connection device, and enciphering information.

20. An information processing device according
to claim 17, wherein the determining means performs
the determination based on user information
10 pertaining to the user of the communication device.

21. An information processing device according
to claim 17, wherein the storing means stores the
information pertaining to the connection device that
15 the communication device should connect to according
to units of time.

22. An information processing device according
to claim 17, wherein the notifying means notifies
20 multiple connecting devices in a case where the
determining means determines that there are multiple
connection devices which the communication device
should connect to.

25 23. An information processing device according
to claim 17, wherein the storing means stores the
information pertaining to the connection device that

the communication device should connect to separately by the area where the communication device is arranged.

5 24. An information processing device according to claim 23, further comprising instructing means for giving instructions so that multiple communication devices connect to multiple connection devices in an evenly distributed fashion in a case where the
10 determining means determines that in the same area there are multiple connection devices which the communication device should connect to.

 25. A connection device, comprising:
15 storing means for storing information pertaining to a communication device to which the connection device permits a connection;
 determining means for determining a connection device which is connected to the connection device
20 and which the communication device should connect to, in accordance with the information stored in the storing means; and
 notifying means for notifying to the communication device information for connecting to
25 the connection device determined by the determining means.

26. A connection device according to claim 25,
wherein the determining means performs the
determination by means of the connection device
inquiring to another connection device about
5 permission for the communication device to make a
connection.

27. A connection device according to claim 26,
further comprising registering means for registering
10 the connection device performing the inquiry.

28. A connection device according to claim 27,
wherein the determining means performs the inquiry to
a connection device other than the connection device
15 registered in the registering means in a case where
the determining means could not determine the
connection device which the communication device
should connect to after an inquiry made based on the
registration in the registering means.

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29. A connection device according to claim 26,
wherein the connection device updates contents
registered in the registering means when the
connection device receives the inquiry from another
25 connection device.

30. A connection device according to claim 26,

wherein the connection device performs the inquiry performed by the determining means in a case where the connection device does not permit the communication device to connect.

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31. A connection device designation method, comprising:

a managing step for managing a connection device which a communication device should connect
10 to;

a determining step for determining a connection device which is connected to a first connection device and which the communication device should connect to, based on information managed in the
15 managing step; and

a notifying step for notifying to the communication device information for connecting to the connection device determined in the determining step.

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